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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF ANIMAL INDUSTRY
ANIMAL HUSBANDRY DIVISION

**Summary of the National Poultry Improvement Plan Meat Production Performance Test
1950-51**

The Meat Production Performance Test was adopted as an optional section of the National Poultry Improvement Plan at the 1950 Conference. The summary which follows is a compilation of reports submitted by official State agencies covering the first test. These data are based on the performance of officially selected random samples of the breeders' stock. The Meat Production Performance Test consists of (1) a ten-week growing test period for chicks, (2) a 300-day egg production test on the female parent stock and (3) a measure of hatchability.

En- try No. or Cross	Chicks No. try 10 Weeks	Pullets No. try 10 Weeks	Cockerels No. try 10 Weeks	Cockerels Dressed												300-day Laying Test												Hatch- ability	NPPI Class	
				Average				Carcasses based on Live Weight				Finish				Feathering Effect				Re- mark				Average Egg Prod. Hen Day				Avg. Egg Wt.	NPPI Class	
				lbs.	lbs.	lbs.	lbs.	No.	Live ed	Breast Loin	Keel Loin	No.	A	B	C	No.	A	B	C	No.	%	%	%	oz.	%	%				
(1) M.H.	300	3.0	3.0	10.2	3.9	10.3	4.8	3.9	3.7	-	75.7	4.4	4.6	2	0	45	3	0	39	9	0	0	100	22.0	48.4	55.1	26.2	75.5	APC	
(2) N.H.	300	0.7	2.8	8.8	3.6	9.6	5.1	3.5	3.3	-	71.6	4.2	4.1	10	0	44	7	0	42	9	0	0	400	17.5	52.4	55.8	27.5	77.0	APC	
(3) W.R.	300	5.3	2.6	9.4	3.1	12.9	50	3.1	2.8	2.4	67.8	3.8	4.8	1	0	41	8	0	34	13	2	1	216	25.0	42.2	49.7	24.8	61.0	APP	
(4) W.R.	300	5.3	2.6	14.8	3.3	14.3	50	3.3	3.0	2.6	68.7	3.8	26	23	0	26	23	0	49	0	0	1	184	10.3	55.6	58.5	26.7	77.1	CPC	
(5) B.R.	X	2.3	2.8	8.5	3.7	8.2	50	3.8	3.6	-	74.8	4.3	4.6	4	0	47	3	0	20	28	2	0	100	18.0	53.7	58.8	26.9	77.7	APC	
(6) W.A.	N.H.	300	12.7	2.5	12.5	3.3	10.9	4.7	3.3	3.1	-	73.9	4.0	4.1	6	0	41	6	0	41	6	0	0	150	22.0	58.2	63.9	25.1	81.0	APC
(7) N.H.	300	2.7	2.9	10.9	3.7	10.8	50	3.7	3.5	-	73.9	4.3	4.7	3	0	49	1	0	48	2	0	0	130	6.9	47.8	49.5	28.5	82.6	APC	
(8) N.H.	603	5.6	2.3	9.3	2.7	11.6	100	2.7	2.5	-	67.6	3.6	4.2	52	4	37	59	2	67	28	4	2	175	17.1	41.4	51.2	25.5	76.5	APP	
(9) B.R.	300	2.0	2.6	9.9	3.2	9.4	51	3.2	2.8	2.4	70.0	3.9	4.7	4	0	51	0	0	32	19	0	0	126	15.8	62.2	68.1	24.9	84.7	APC	

Key to Entry Numbers

(1) Bitner's Springbrook Poultry Farm
Westmoreland Depot, New Hampshire

(2) Coll's Poultry Farm
East Jaffrey, New Hampshire

(3) Herr's Poultry Farm
Lodi, Ohio

(4) Holtzapple Poultry Farm
Elida, Ohio

(5) Hubbard Farms, Inc.
Walpole, New Hampshire

(6) Nedler Farms, Inc.
Peterborough, New Hampshire

(7) Nichols' Poultry Farms, Inc.
Kingston, New Hampshire

(8) Noble Hatchery
Caldwell, Ohio

(9) Tice's Barred Rock Farm & Hatchery
Barryton, Michigan

1/ N.H. = New Hampshire
W.R. = White Plymouth Rock
B.R. = Barred Plymouth Rock
B.R. X N.H. = Barred Plymouth Rock Males X New Hampshire Females
W.A. X N.H. = White American Males X New Hampshire Females

Footnotes

2/ Expressed as the coefficient of variation. As the uniformity of the sample increases the numerical value of the coefficient of variation decreases.

3/ APP = U. S. Approved, Pillorum-Passsed
APC = U. S. Approved, Pillorum-Clean
CPC = U. S. Certified, Pillorum-Clean

NOTE: Growing test for entries number 1, 2, 5, 6 and 7 conducted at a central brooding plant.

